



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 17 83 35 37

Classification of the application (IPC):

C01G 39/06, C25B 1/04, H01M 4/86, H01M 4/90, H01M 8/1004, H01M 4/88, H01M 8/0202

Technical fields searched (IPC):

H01M, C25B, C01G

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X A	<p>REVANNATH DNYANDEO NIKAM ET AL: "Three-Dimensional Heterostructures of MoS₂ Nanosheets on Conducting MoO₂ as an Efficient Electrocatalyst To Enhance Hydrogen Evolution Reaction" <i>ACS APPLIED MATERIALS & INTERFACES</i> US</p> <p>21 October 2015 (2015-10-21), vol. 7, no. 41, DOI: 10.1021/acsami.5b07960, ISSN: 1944-8244, pages 23328-23335, XP055589317</p> <p>* abstract *</p> <p>* page 3328, left-hand column - right-hand column *</p> <p>* Experimental section;page 23329 *</p> <p>* page 23329; figure 1 *</p> <p>* Conclusion;page 23333 *</p>	1, 2, 10-14 3-9
A	<p>SCHMIDT E ET AL: "AMORPHOUS MOLYBDENUM OXYSULFIDE THIN FILMS AND THEIR PHYSICAL CHARACTERIZATION" <i>THIN SOLID FILMS, ELSEVIER, AMSTERDAM, NL</i>, 01 May 1995 (1995-05-01), vol. 260, no. 1, DOI: 10.1016/0040-6090(94)06463-6, ISSN: 0040-6090, pages 21-25, XP000511633</p> <p>* abstract *</p> <p>* Discussion;page 23 *</p>	1-14
A	<p>US 2013068613 A1 (HU XILE [CH] ET AL) 21 March 2013 (2013-03-21)</p> <p>* paragraphs [0009] - [0016] *</p>	1-14

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Place of search Munich	Date of completion of the search 16 May 2019	Examiner Kelly, Michael
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CATEGORY OF CITED DOCUMENTS

X: particularly relevant if taken alone	P: intermediate document
Y: particularly relevant if combined with another document of the same category	T: theory or principle underlying the invention
A: technological background	E: earlier patent document, but published on, or after the filing date
O: non-written disclosure	D: document cited in the application
& : member of the same patent family, corresponding document	L: document cited for other reasons

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ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on 16-05-2019
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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 2013068613	A1	21-03-2013	EP	2377971 A1	19-10-2011
			EP	2558619 A1	20-02-2013
			US	2013068613 A1	21-03-2013
			WO	2011128213 A1	20-10-2011